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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/015,961	12/10/2001	David Famolare	APP 1426-US	6931
9941	7590	08/10/2005		EXAMINER
				FOX, JAMAL A
			ART UNIT	PAPER NUMBER
			2664	

DATE MAILED: 08/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	10/015,961	FAMOLARI, DAVID
	Examiner	Art Unit
	Jamal A. Fox	2664

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 10 December 2001.
 2a) This action is FINAL. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-17 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 1-17 is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on 10 December 2001 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

2. Claims 1-17 are rejected under 35 U.S.C. 102(a) as being anticipated by Heinonen et al. (U.S. Patent No. 6,744,753).

Referring to claim 1, Heinonen et al. discloses a method of configuring an IP network containing a plurality of computing devices each connectable to a backbone network (Fig. 1 and respective portions of the spec.), each device having a first interface (see Fig. 1) for establishing a Bluetooth (Bluetooth, col. 7 line 28-col. 8 line 38) connection, the method comprising the steps of:

transmitting to each device, through its first interface, a first Bluetooth message (user's service request, col. 7 lines 36-40) suitable for discovering at least one network-relevant characteristic of the device;

recording (inherent) first indicia respectively indicative of the discovered characteristic of each device (device, col. 7 lines 36-47);

generating, for each device, a second Bluetooth message (response message, col. 7 line 63-col. 8 line 11) representing a selectable value of at least one IP parameter (parameter, col. 7 line 67-col. 8 line 5) with which the device may be configured, the second Bluetooth message being in a form suitable for commanding the associated

device to correspondingly set the associated IP parameter (parameter, col. 7 line 67-col. 8 line 5);

selecting (stores, col. 8 lines 30-38) the value of the IP parameter (parameter, col. 8 lines 30-38) for each device consistent with the recorded first indicia for such device; and

transmitting each second Bluetooth message to the associated device (device, col. 8 lines 34-38) through its first interface (see Fig. 1).

Referring to claim 2, Heinonen et al. discloses a method as defined in claim 1, in which the steps of the method are executed with a hand-held Bluetooth terminal (See Fig. 1, User's Wireless Device).

Referring to claim 3, Heinonen et al. discloses a method as defined in claim 1, in which the IP parameter is the IP address (address, col. 8 line 1) of the associated device.

Referring to claim 4, Heinonen et al. discloses a method as defined in claim 1, in which the IP parameter is the MAC (inherent, all Ethernet devices have a manufacturer defined unique MAC address) address (address, col. 8 line 1) of the associated device.

Referring to claim 5, Heinonen et al. discloses a method as defined in claim 1, in which the IP parameter (local/global parameter, col. 7 line 67-col. 8 line 11) is the IP name of the associated device.

Referring to claim 6, Heinonen et al. discloses a method of claim 1, in which the IP parameter (local/global parameter, col. 7 line 67-col. 8 line 11) is the common Bluetooth name of the associated device.

Referring to claim 7, Heinonen et al. discloses a method as defined in claim 1, in which the IP parameter is the identity of a default gateway (gateway, col. 4 line 64-col. 5 line 7, and col. 5 lines 22-40).

Referring to claim 8, Heinonen et al. discloses a method as defined in claim 1, in which the IP parameter is the location of a DNS server (server, col. 8 lines 1-20).

Referring to claim 9, Heinonen et al. discloses a method of configuring an IP network containing a first plurality of computing devices each connectable to a backbone network (Fig. 1 and respective portions of the spec.), each having a first interface (see Fig. 1) for establishing a Bluetooth (Bluetooth, col. 7 line 28-col. 8 line 38) connection, the method comprising the steps of:

transmitting to each device, through its first interface, a first Bluetooth message (user's service request, col. 7 lines 36-40) suitable for discovering at least one network relevant characteristic of the device;

recording (inherent) first indicia indicative of the discovered characteristic for each of the devices (device, col. 7 lines 36-47);

generating second indicia indicative of a selectable value of at least one IP parameter (parameter, col. 7 line 67-col. 8 line 5) with which each device may be configured.

selecting (stores, col. 8 lines 30-38) the second indicia for each device consistent with the recorded first indicia for such device;

generating, for each device, a second Bluetooth message (response message, col. 7 line 63-col. 8 line 11) reflecting the corresponding second indicia, the second

Bluetooth message being in a form suitable for commanding the associated device to correspondingly set the associated IP parameter (parameter, col. 7 line 67-col. 8 line 5); and

transmitting each second Bluetooth message to the associated device (device, col. 8 lines 34-38) through its first interface (See Fig. 1).

Referring to claim 10, Heinonen et al. discloses a method as defined in claim 9, in which the first plurality of devices form part of a larger second plurality of devices each having the first and second interfaces (See Fig. 1), and in which the method further comprises the step, prior to the first Bluetooth message transmitting step, of interrogating the second plurality of devices with a Bluetooth inquiry (inquiry response packet, Fig. 4B and col. 12 lines 25-30, col. 13 line 48-col. 14 line 14, col. 16 lines 48-51, col. 17 line 30, col. 17 lines 60-65, col. 18 lines 9-11 and col. 19 line 18-col. 20 line 5) to seek responses from devices within Bluetooth range, whereby only the first plurality of devices respond to such inquiry.

Referring to claim 11, Heinonen et al. discloses a method as defined in claim 9, in which the IP parameter is the IP address (address, col. 8 line 1) of the associated device.

Referring to claim 12, Heinonen et al. discloses a method as defined in claim 9, in which the IP parameter is the MAC (inherent, all Ethernet devices have a manufacturer defined unique MAC address) address (address, col. 8 line 1) of the associated device.

Referring to claim 13, Heinonen et al. discloses a method as defined in claim 9, in which the IP parameter (local/global parameter, col. 7 line 67-col. 8 line 11) is the IP name of the associated device

Referring to claim 14, Heinonen et al. discloses a method as defined in claim 9 in which the IP parameter (local/global parameter, col. 7 line 67-col. 8 line 11) is the common Bluetooth name of the associated device.

Referring to claim 15, Heinonen et al. discloses a method as defined in claim 9, in which the IP parameter is the identity of a default gateway (gateway, col. 4 line 64-col. 5 line 7 and col. 5 lines 22-40).

Referring to claim 16, Heinonen et al. discloses a method as defined in claim 9, in which the IP parameter is the location of a DNS server (server, col. 8 lines 1-20).

Referring to claim 17, Heinonen et al. discloses for use in updating the configuration of an IP network containing a plurality of computing devices each connectable to a backbone network (Fig. 1 and respective portions of the spec.), each device having a first interface (see Fig. 1) for establishing a Bluetooth connection, a Bluetooth (Bluetooth, col. 7 line 28-col. 8 line 38) terminal which comprises:

means for transmitting to each device, through its first interface, a first Bluetooth message (user's service request, col. 7 lines 36-40) suitable for discovering the current state of at least one reselected IP parameter with which such device may be configured;

means for recording (GUI, col. 12 line 40-col. 13 line 30) first indicia respectively indicative of the discovered current state of the IP parameter for each device (device, col. 7 lines 36-47);

means for selecting (stores, col. 8 lines 30-38) a desired state of the IP parameter (parameter, col. 8 lines 30-38) for at least a first one of the devices; means (memory, col. 8 lines 30-38) responsive to the selecting means for updating the first indicia for the first device to reflect the desired state of the corresponding IP parameter; means responsive to the updating means for generating a second Bluetooth message (response message, col. 7 line 63-col. 8 line 11) suitable for commanding the first device to alter the relevant IP parameter (parameter, col. 7 line 67-col. 8 line 5) consistent with the updating of the corresponding first indicia; and means (access point, col. 8 lines 15-20) for transmitting the second Bluetooth message to the first device through its first interface (See Fig. 1).

Conclusion.

3. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

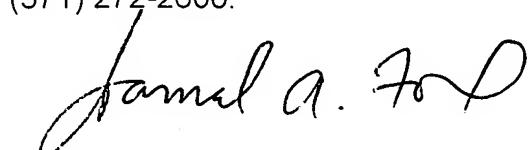
or faxed to:

(571) 273-8300, (for formal communications intended for entry)

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jamal A. Fox whose telephone number is (571) 272-3143. The examiner can normally be reached on Monday-Friday 6:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wellington Chin can be reached on (571) 272-3134. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to 2600 Customer Service whose telephone number is (571) 272-2600.



Jamal A. Fox



WELLINGTON CHIN
EXAMINER